



**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q65135

Naoya HASHIMOTO, et al.

Appln. No.: 09/892,862

Group Art Unit: 2834

Confirmation No.: 3124

Examiner: Karen B. ADDISON

Filed: June 28, 2001

For: ELECTROMAGNETIC DEVICE

**INFORMATION DISCLOSURE STATEMENT<sup>[INS1]</sup>  
UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicants hereby notify the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith.

The present Information Disclosure Statement is being filed after the later of three months from the application's filing date and the mailing date of the first Office Action on the merits, but before a Final Office Action, Notice of Allowance, or an action that otherwise closes prosecution in the application (whichever is earlier), and therefore Applicant is filing concurrently herewith a Statement Under 37 C.F.R. § 1.97(e). No fee under 37 C.F.R. § 1.17(p) is required.

INFORMATION DISCLOSURE STATEMENT

U.S. Appln. No.: 09/892,862

Attorney Docket No. Q65135

The present Information Disclosure Statement is being filed thirty days or fewer from the communication from a foreign patent office and a Statement Under 37 C.F.R. § 1.704(d) is attached.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses herewith a copy of a Communication from a foreign patent office in a counterpart application citing such documents, together with an English-language version of that portion of the Communication indicating the degree of relevance found by the foreign patent office.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

Respectfully submitted,

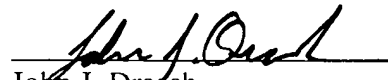
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WASHINGTON OFFICE



23373

PATENT TRADEMARK OFFICE

  
John J. Dresch  
Registration No. 46,672

Date: June 20, 2003



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STATEMENT UNDER 37 C.F.R. § 1.704(d)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450


Sir:

The undersigned hereby states, upon information and belief:

That each item of information contained in the Information Disclosure Statement filed concurrently herewith was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making a reasonable inquiry, that the communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of said Information Disclosure Statement.

Respectfully submitted,

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WASHINGTON OFFICE



23373

PATENT TRADEMARK OFFICE

Date: June 20, 2003

Reference Number 527372JP01

Dispatch Number 165197

Dispatch Date

May 20, 2003

### Notification of Reason(s) for Refusal

Patent Application No.	Patent application No.2000-327224
Drafting Date	May 13, 2003
Examiner of JPO	Hirotsugu Shimohara 9179 3V00
Representative/Applicant	Mr. Michiteru Soga (and six others)
Applied Provision	Patent Law Section 29(2)

This application should be refused for the reasons mentioned below. If the applicant has any argument against the reasons, such argument should be submitted within 60 days from the date on which this notification was dispatched.

### Reasons

The invention(s) in the claim(s) listed below of the subject application should not be granted a patent under the provisions of Patent Law section 29(2) since it could have easily been made by persons who have common knowledge in the technical field to which the invention(s) pertains, on the basis of the invention(s) described in the publication(s) listed below which was distributed in Japan or foreign countries prior to the filing of the subject application.

Note (The list of cited references, etc. is shown below)

[Regard to Claims 1 and 2]

• Cited references 1 to 3

• Remarks

Cited reference 1 discloses that a coil is applied to a closed stepping motor and the like, the coil being wound onto a coil bobbin and the coil and the coil bobbin being embedded into a resin.

Cited reference 2 discloses a motor immersed and used in an oil in which an epoxy resin is applied on the surface of a conductor wire and a coil bobbin is embedded into a epoxy resin whole.

Cited reference 3 discloses a bobbin made of a thermosetting resin and embedded into an epoxy resin.

It would have been obvious to one having ordinary skill in the art at the time that the permeation of sulfur compounds is low in thermosetting resin such as the epoxy resin and the like compared to thermoplastic resins.

[List of Cited References]

1. Japanese Patent Laid-open No. S62-290332
2. A microfilm of Japanese Utility Model Application No. S59-190825 ( Japanese Utility Model Laid-open No. S61-108052)
3. Japanese Patent Laid-open No. H06-121481

If any reason(s) for refusal is found later, it will be notified.

Contact : tel. 03(3581)1101 ext. 3358    FAX. 03(3501)0671

Record of the result of Prior art search

Technical field(s) to be searched	IPC seventh edition
	H02K 3/44, 3/30

This record of Results of Prior Art Search does not constitute a reason for rejection.

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

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of

1

Application Number	09/892,862
Confirmation Number	3124
Filing Date	June 28, 2001
First Named Inventor	Naoya HASHIMOTO
Art Unit	2834
Examiner Name	Addison, K.
Attorney Docket Number	Q65135

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**Date Considered**

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.